



**Federal Geographic Data Committee
Federal Geodetic Control Subcommittee**

15 March 1999

Dr. Robert Snow
Director of Marketing
Magellan Corporation
Ashtech Precision Products
471 El Camino Real
Santa Clara, CA 95050

Dear Dr. Snow,

The Federal Geodetic Control Subcommittee (FGCS) conducted tests from 16 November through 21 November 1997 of the Ashtech Z-Surveyor and GG Surveyor and the Ashtech WinPrism and Ashtech Office Suite for Survey (AOSS) post-processing software. Six of the Ashtech Z-Surveyors and six of the Ashtech GG-Surveyors, provided by Ashtech, Inc., were used during the test.

The tests were conducted on stations of the FGCS test network, located in the Washington, D.C. area. Baselines ranged in length from approximately 184 meters to 108 kilometers. The tests included observations taken over 4 days test course and used the established test course at the National Institute of Standards and Technology (NIST). Three days were devoted to static observations and 1 day was devoted to RTK observations.

On-site daily processing was done using the manufacturer's post-processing packages WinPrism and AOSS. The daily data sets and subsets were processed and analyzed. The results were presented at NIST in a meeting open to the general public on 21 November 1997. Analysis of these results indicates that the Ashtech Z-Surveyor and Ashtech GG-Surveyor and the Ashtech WinPrism and AOSS software, as tested, meets the manufacturer's specifications.

Sincerely,

Ms. Sally L. Frodge
Chair, FGCS Instrument Working Group

cc:

Mr. Charles Challstrom, Dept. of Commerce, National Geodetic Survey
Mr. Larry Hothem, Dept. of Interior, United States Geological Survey